

FIG. 1

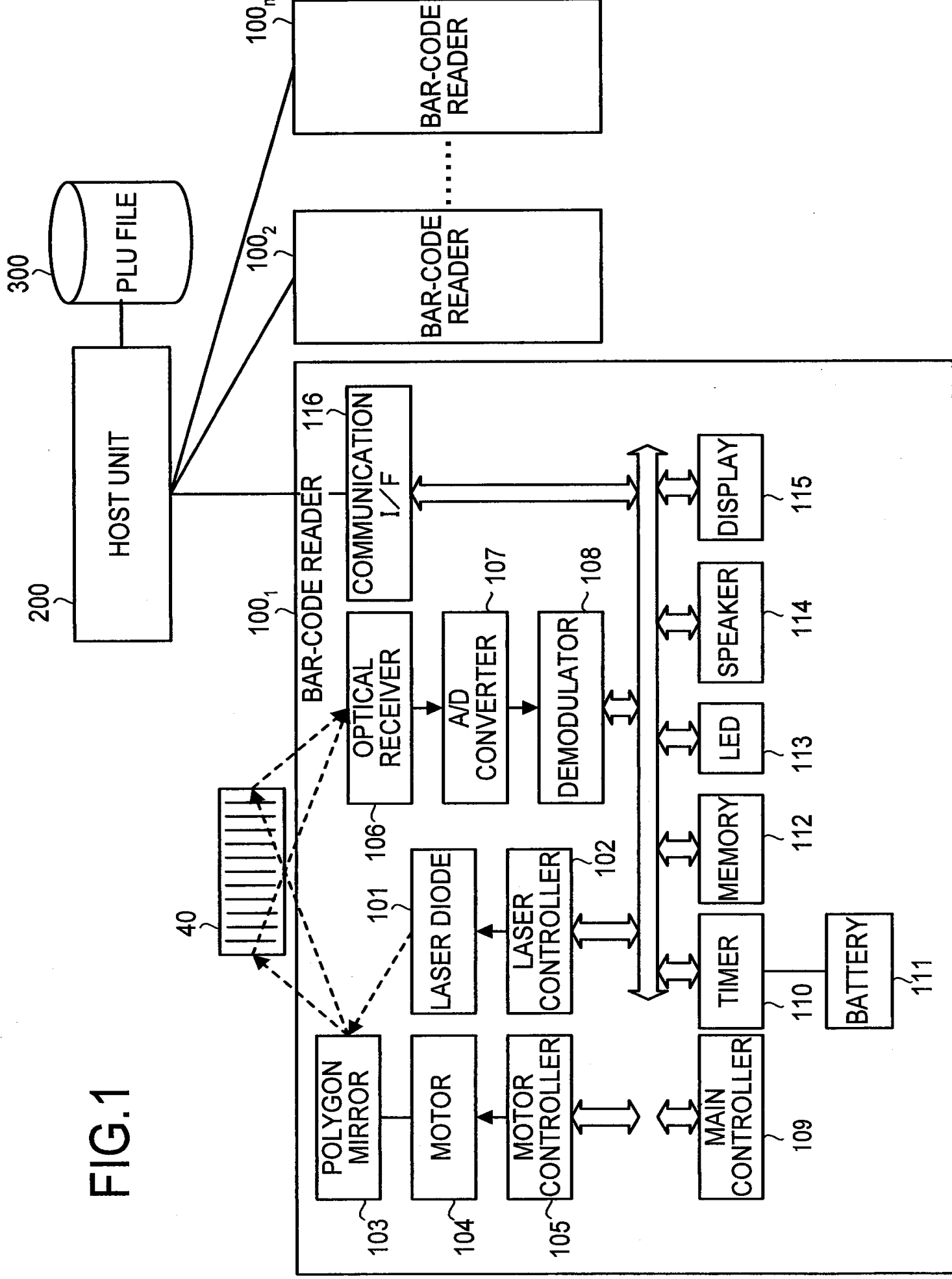


FIG.2

410A

DEMODULATION PATTERN TABLE FOR SIX MODULES						
	(1)	(2)	(3)	(4)	(5)	(6)
0	W	W	B	B	W	B
1	DEMODULATION IS IMPOSSIBLE (NO PATTERN)					
2	DEMODULATION IS IMPOSSIBLE (NO PATTERN)					
3	DEMODULATION IS IMPOSSIBLE (NO PATTERN)					
4	W	B	W	W	B	B
5	W	B	W	W	W	B
6	W	B	B	B	B	B
7	DEMODULATION IS IMPOSSIBLE (NO PATTERN)					
8	DEMODULATION IS IMPOSSIBLE (NO PATTERN)					
9	W	W	B	W	B	B
0	W	B	W	B	B	B
1	DEMODULATION IS IMPOSSIBLE (NO PATTERN)					
2	DEMODULATION IS IMPOSSIBLE (NO PATTERN)					
3	DEMODULATION IS IMPOSSIBLE (NO PATTERN)					
4	W	W	B	B	W	B
5	W	B	B	W	W	B
6	W	W	W	B	W	B
3	DEMODULATION IS IMPOSSIBLE (NO PATTERN)					
3	DEMODULATION IS IMPOSSIBLE (NO PATTERN)					
9	W	W	W	B	B	B

400A

DEMODULATION PATTERN TABLE FOR SEVEN MODULES							
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
ODD	0	W	W	W	B	B	W
	1	W	W	B	B	W	W
	2	W	W	B	W	W	B
	3	W	B	B	B	W	W
	4	W	B	W	W	W	B
	5	W	B	B	W	W	W
	6	W	B	W	B	B	B
	7	W	B	B	B	W	B
	8	W	B	B	W	B	B
	9	W	W	W	B	W	B
EVEN	0	W	B	W	W	B	B
	1	W	B	B	W	W	B
	2	W	W	B	B	W	B
	3	W	B	W	W	W	W
	4	W	W	B	B	B	W
	5	W	B	B	B	W	W
	6	W	W	W	W	B	W
	7	W	W	B	W	W	W
	8	W	W	W	B	W	W
	9	W	W	B	W	B	B

420A

DEMODULATION PATTERN TABLE FOR EIGHT MODULES								
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
0	W	W	W	W	B	B	W	B
1	W	W	W	B	B	W	W	B
2	W	W	W	B	W	W	B	B
3	W	W	B	B	B	B	W	B
4	W	W	B	W	W	W	B	B
5	W	W	B	B	W	W	W	B
6	W	W	B	B	W	W	W	B
7	W	W	W	B	W	W	W	B
8	W	W	W	W	B	W	W	B
9	W	W	W	B	W	W	B	B

FIG.3

400B		DEDEMODULATION PATTERN TABLE FOR SEVEN MODULES									
		(1) (2) (3) (4) (5) (6) (7)									
ODD		0	B	W	B	B	W	W	W	W	W
		1	B	W	W	B	B	W	W	W	W
		2	B	B	W	W	B	W	W	W	W
		3	B	W	B	B	B	W	W	W	W
		4	B	B	W	W	W	B	W	W	W
		5	B	W	W	B	B	W	W	W	W
		6	B	B	W	B	B	W	W	W	W
		7	B	B	W	B	B	W	W	W	W
		8	B	B	B	W	B	B	W	W	W
		9	B	B	B	W	B	B	W	W	W
EVEN		0	B	B	W	W	B	W	W	W	W
		1	B	B	W	W	B	B	W	W	W
		2	B	B	W	B	B	W	W	W	W
		3	B	W	W	W	B	W	W	W	W
		4	B	W	B	B	B	W	W	W	W
		5	B	W	W	B	B	B	W	W	W
		6	B	W	B	B	W	W	W	W	W
		7	B	W	W	B	W	W	W	W	W
		8	B	W	W	B	W	W	W	W	W
		9	B	B	B	W	B	W	W	W	W

410B		DEDEMODULATION PATTERN TABLE FOR SIX MODULES									
		(1) (2) (3) (4) (5) (6)									
ODD		0	B	W	B	B	W	W	W	W	W
		1	DEDEMODULATION IS IMPOSSIBLE (NO PATTERN)								
		2	DEDEMODULATION IS IMPOSSIBLE (NO PATTERN)								
		3	DEDEMODULATION IS IMPOSSIBLE (NO PATTERN)								
		4	B	B	W	W	B	W	W	W	W
		5	B	W	W	W	B	B	W	W	W
		6	B	B	B	B	B	B	W	W	W
		7	DEDEMODULATION IS IMPOSSIBLE (NO PATTERN)								
		8	DEDEMODULATION IS IMPOSSIBLE (NO PATTERN)								
		9	B	B	W	B	W	W	W	W	W
EVEN		0	B	B	B	W	B	W	W	W	W
		1	DEDEMODULATION IS IMPOSSIBLE (NO PATTERN)								
		2	DEDEMODULATION IS IMPOSSIBLE (NO PATTERN)								
		3	DEDEMODULATION IS IMPOSSIBLE (NO PATTERN)								
		4	B	W	B	B	W	W	W	W	W
		5	B	W	W	B	B	B	W	W	W
		6	B	W	B	W	W	W	W	W	W
		7	DEDEMODULATION IS IMPOSSIBLE (NO PATTERN)								
		8	DEDEMODULATION IS IMPOSSIBLE (NO PATTERN)								
		9	B	B	B	W	W	W	W	W	W

420B		DEDEMODULATION PATTERN TABLE FOR EIGHT MODULES									
		(1) (2) (3) (4) (5) (6) (7) (8)									
ODD		0	B	W	B	B	W	W	W	W	W
		1	B	W	W	B	B	W	W	W	W
		2	B	B	W	W	B	W	W	W	W
		3	B	W	B	B	B	W	W	W	W
		4	B	B	W	W	W	B	W	W	W
		5	B	W	W	B	B	W	W	W	W
		6	B	B	B	B	B	W	W	W	W
		7	B	B	W	B	B	W	W	W	W
		8	B	B	B	W	B	B	W	W	W
		9	B	B	B	W	B	B	W	W	W
EVEN		0	B	B	B	W	B	W	W	W	W
		1	B	B	W	W	B	B	W	W	W
		2	B	B	W	B	B	W	W	W	W
		3	B	W	W	W	B	W	W	W	W
		4	B	W	B	B	B	W	W	W	W
		5	B	W	W	B	B	B	W	W	W
		6	B	W	B	W	W	W	W	W	W
		7	B	W	W	B	W	W	W	W	W
		8	B	W	W	B	W	W	W	W	W
		9	B	B	B	W	B	W	W	W	W

FIG.4A

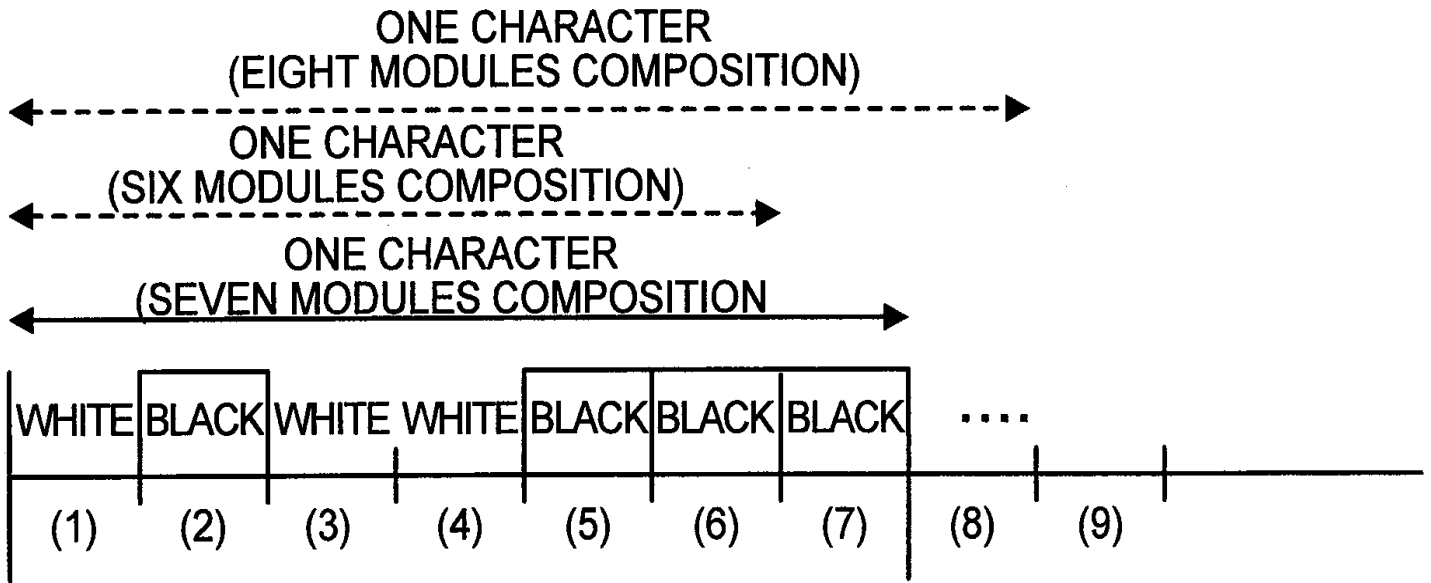


FIG.4B

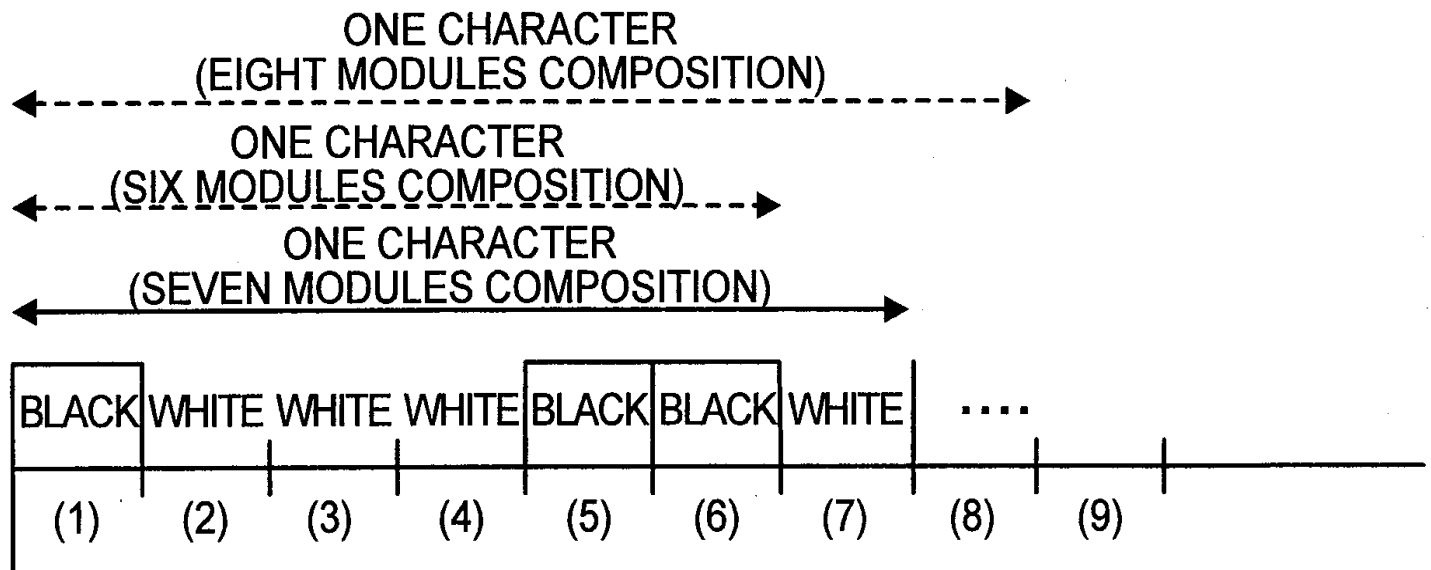


FIG.5A

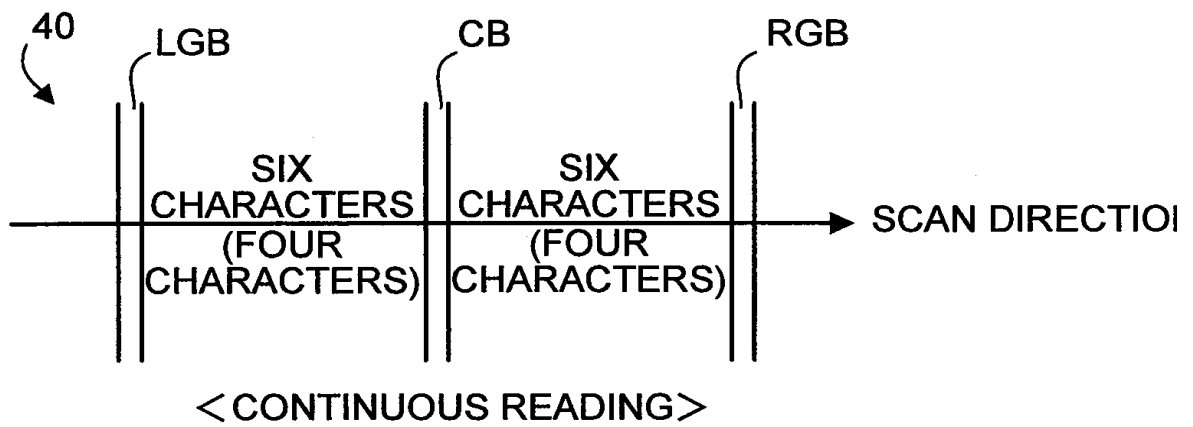


FIG.5B

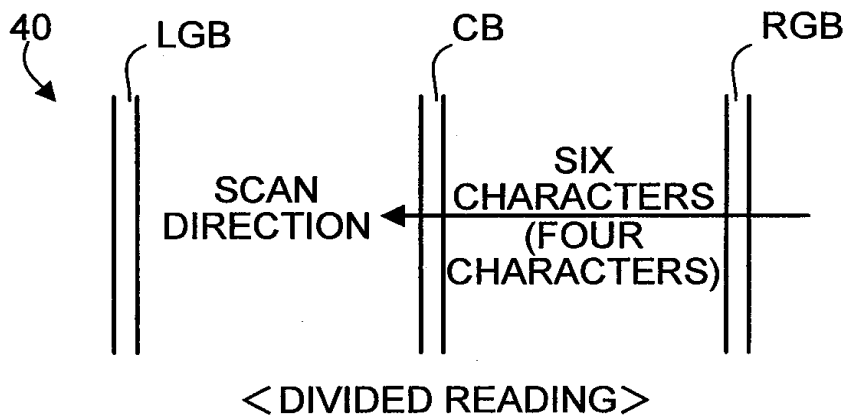


FIG.5C

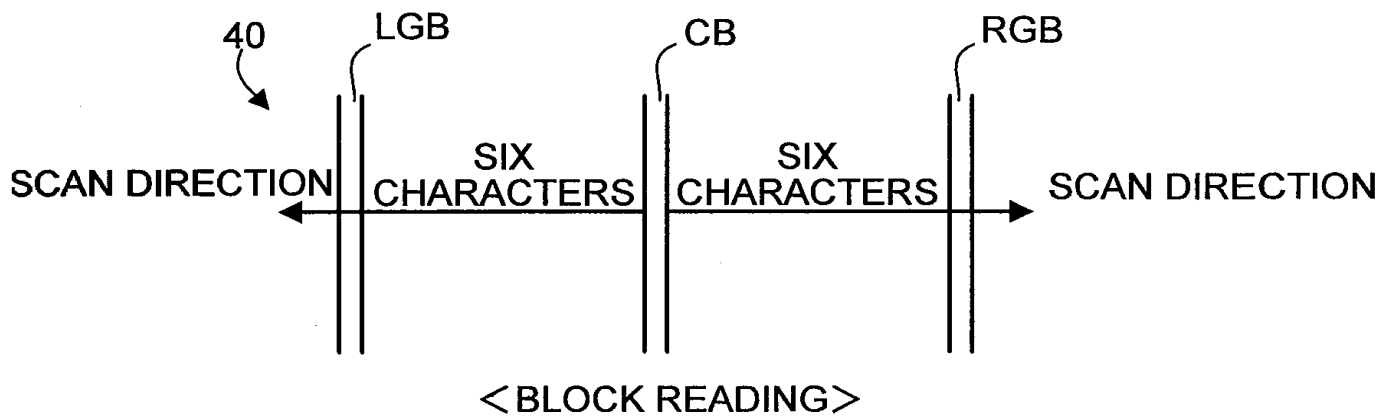


FIG.6

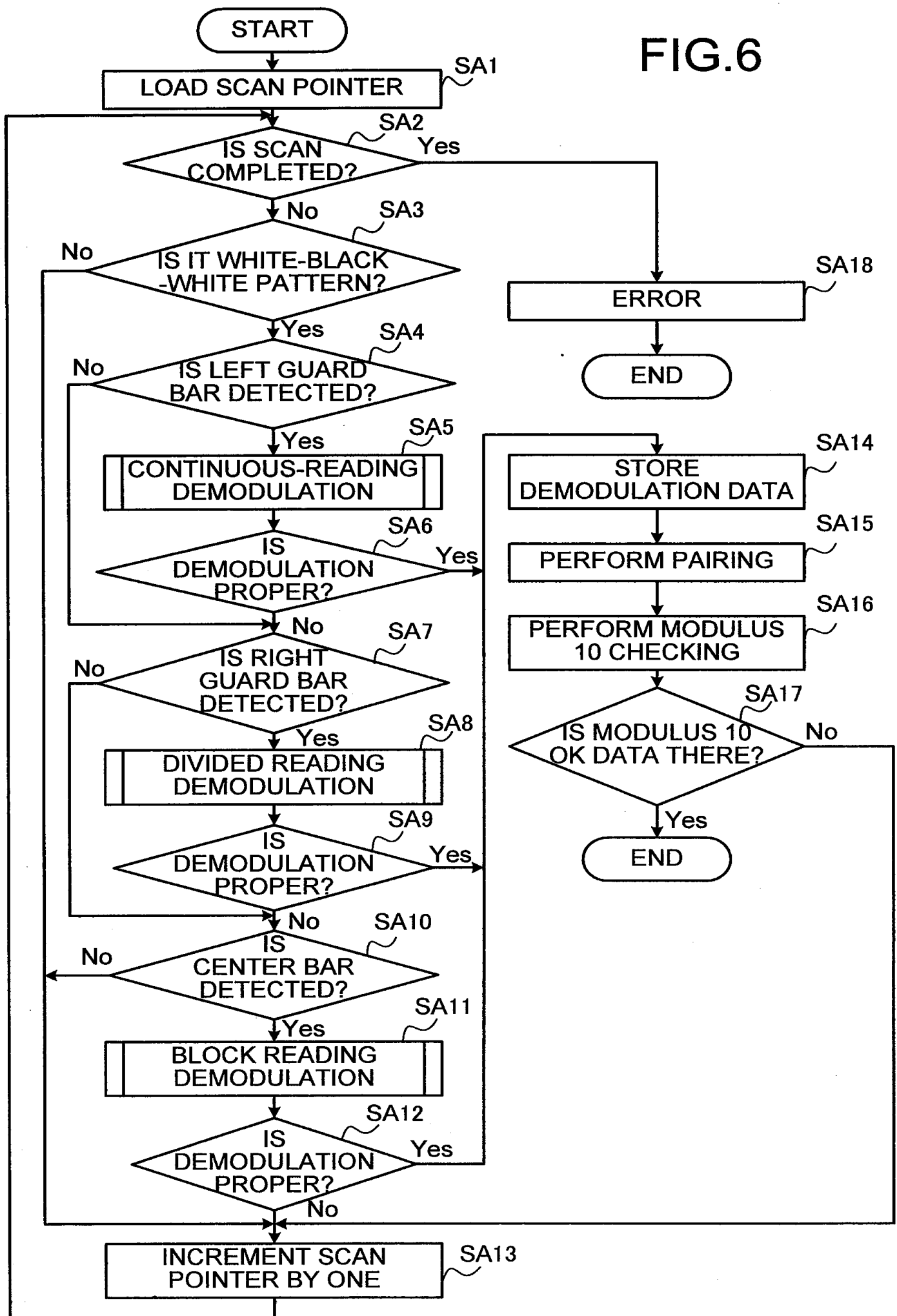


FIG.7

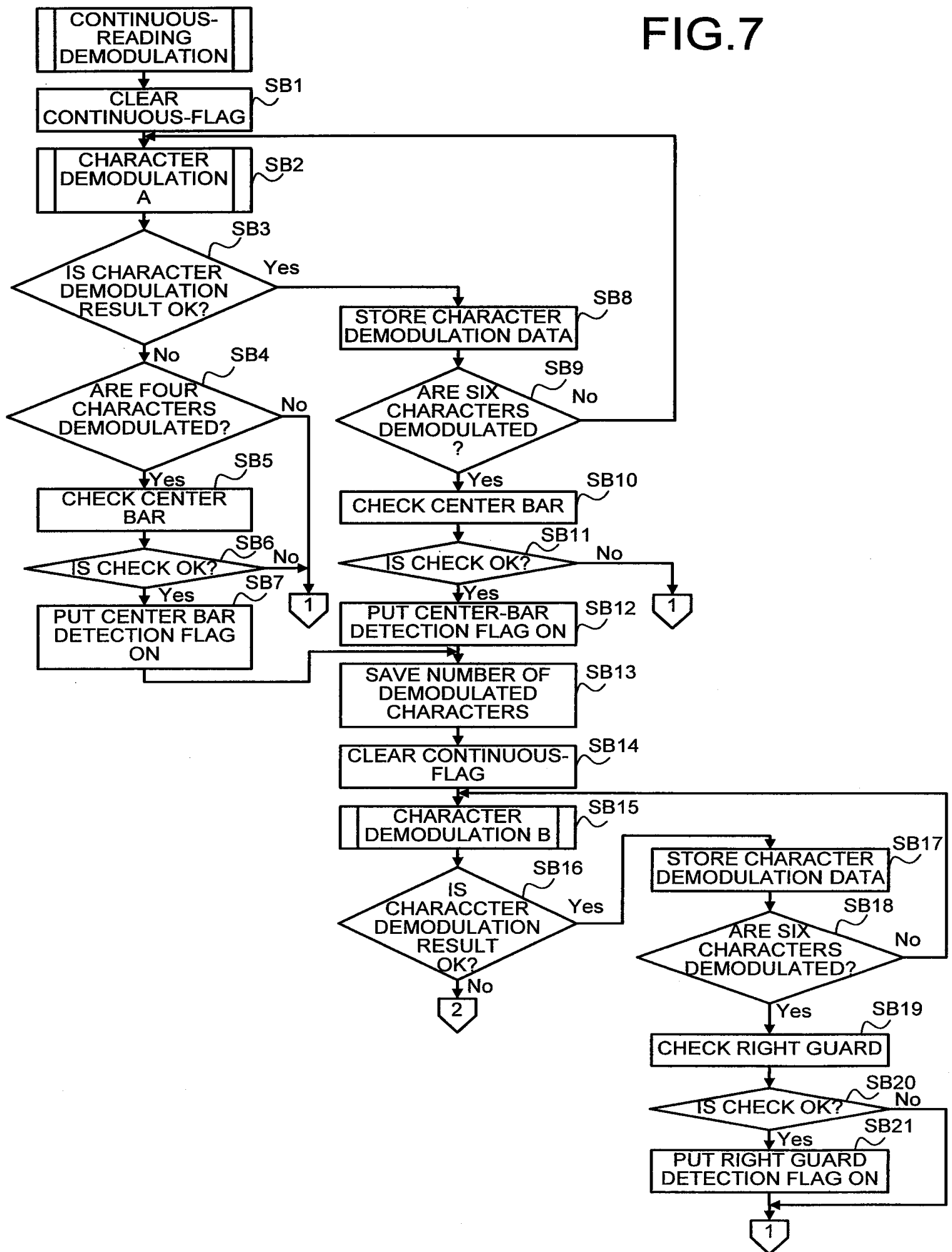


FIG.8

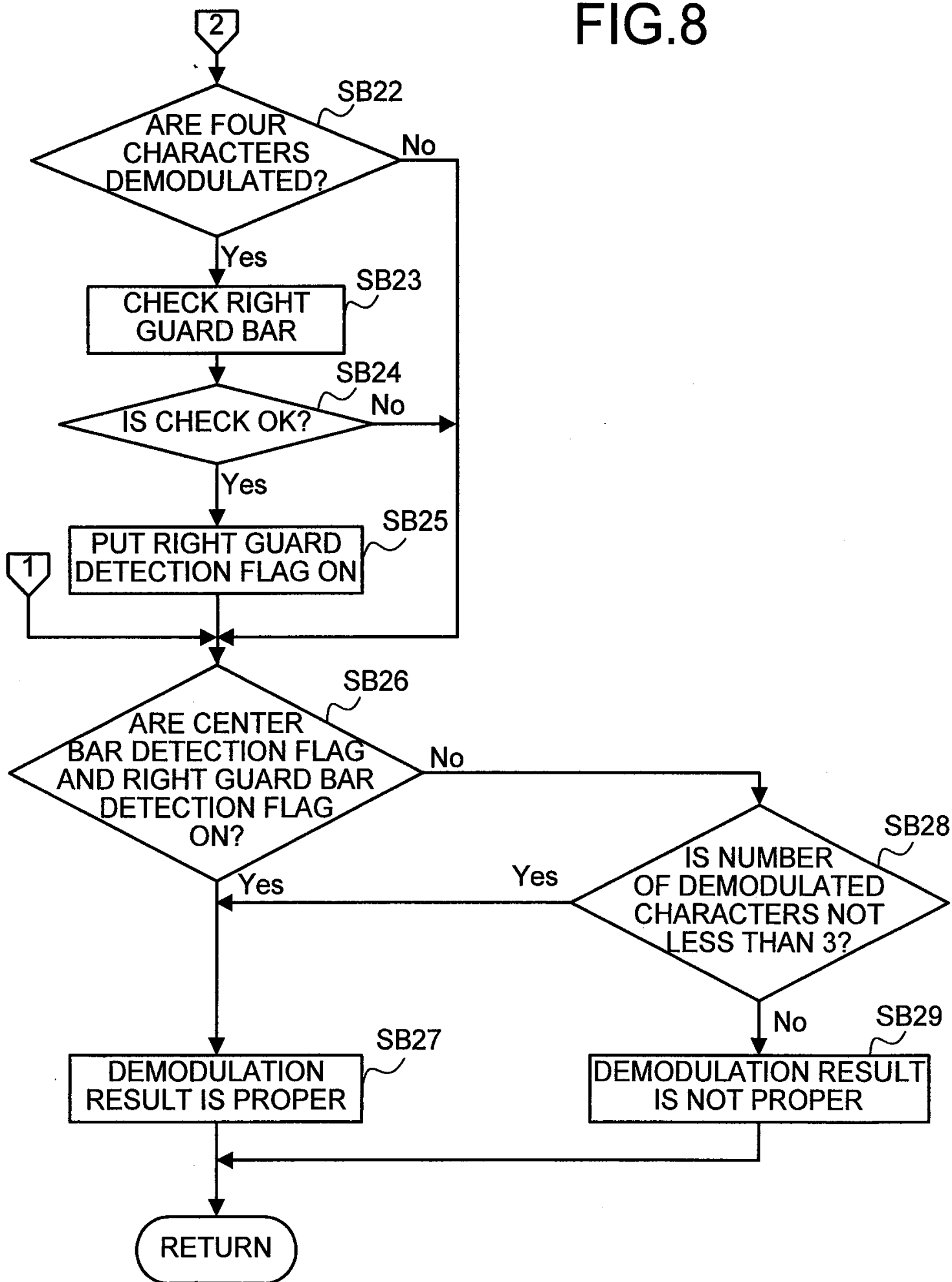


FIG.9

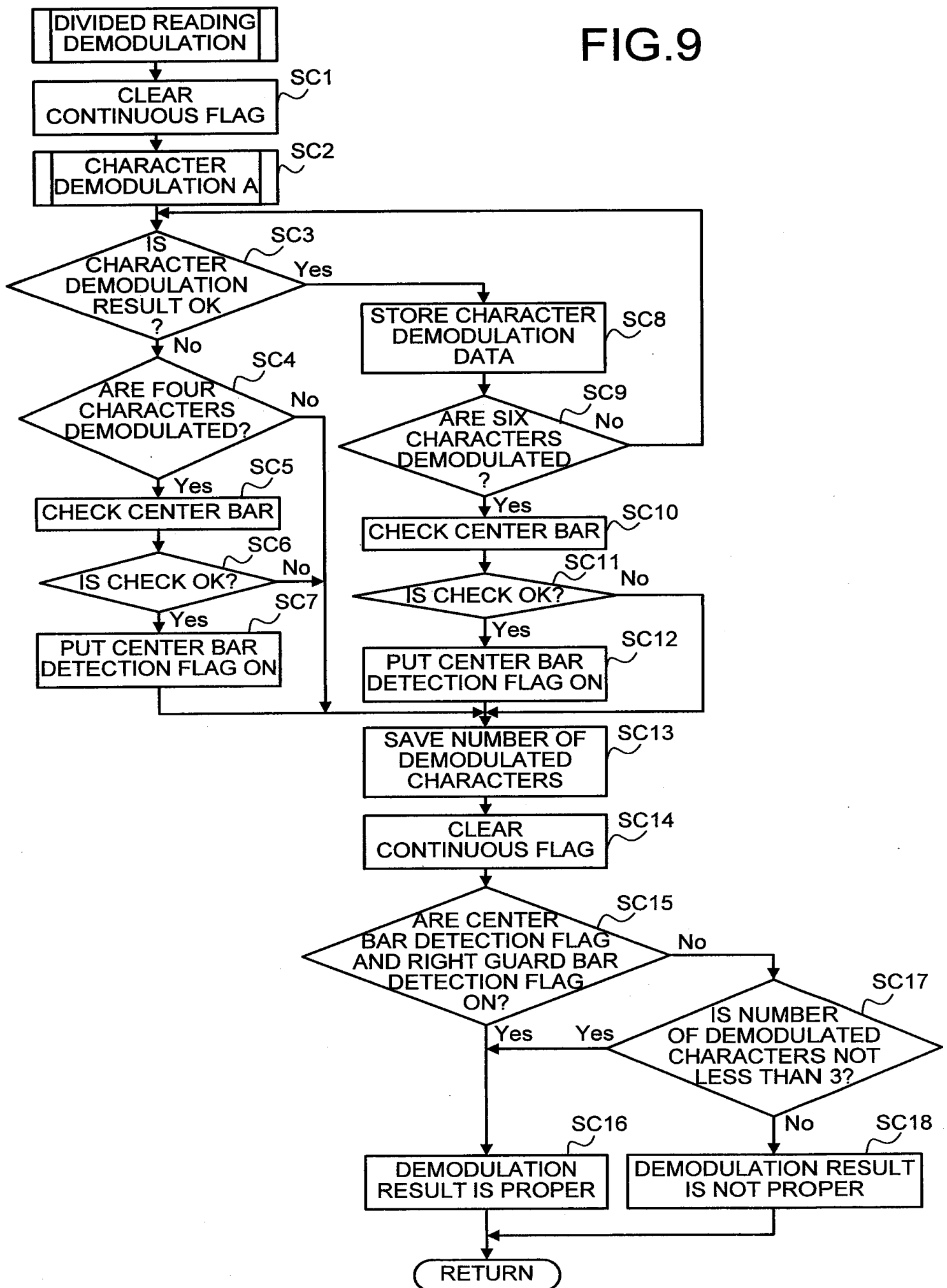


FIG.10

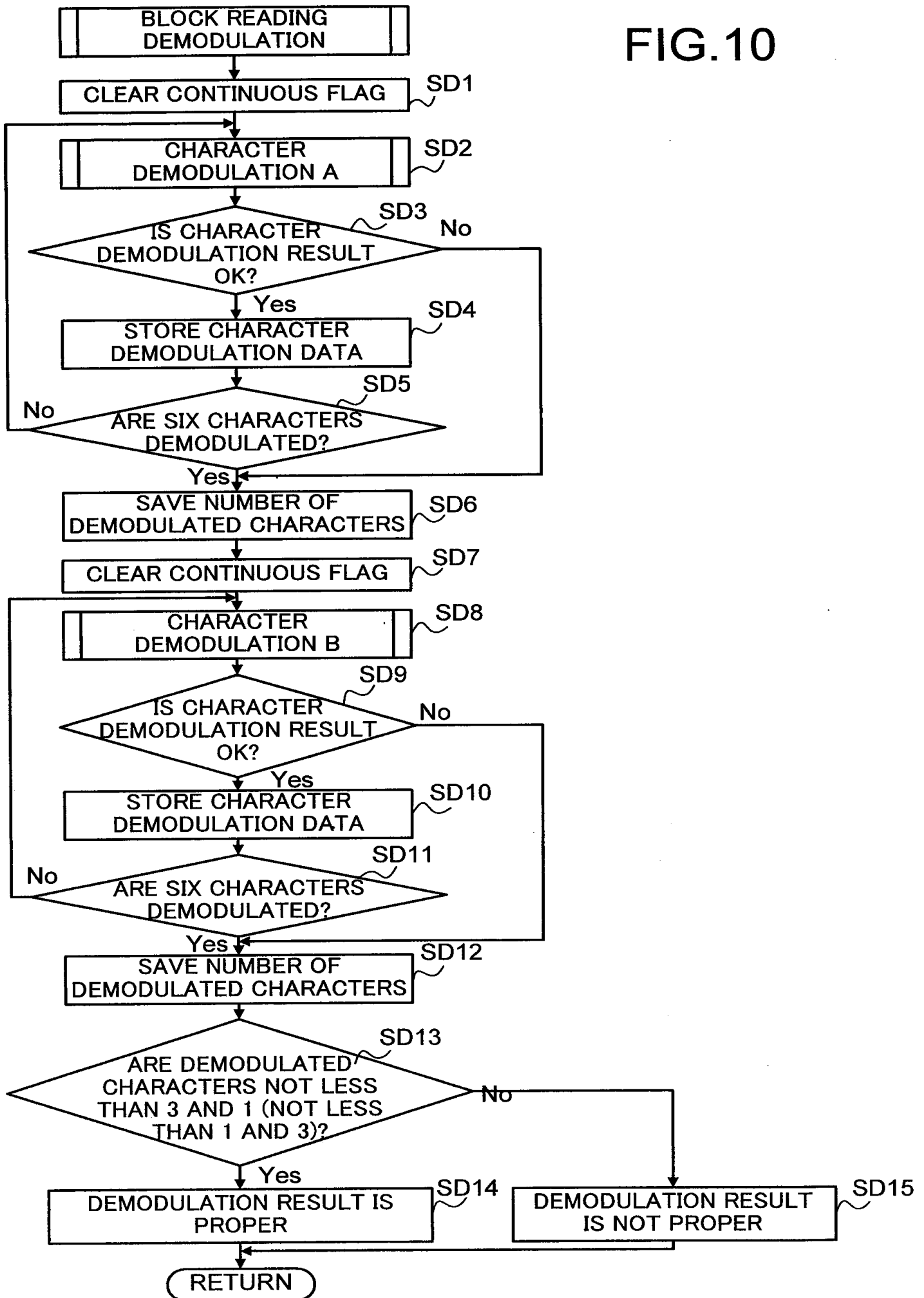


FIG.11

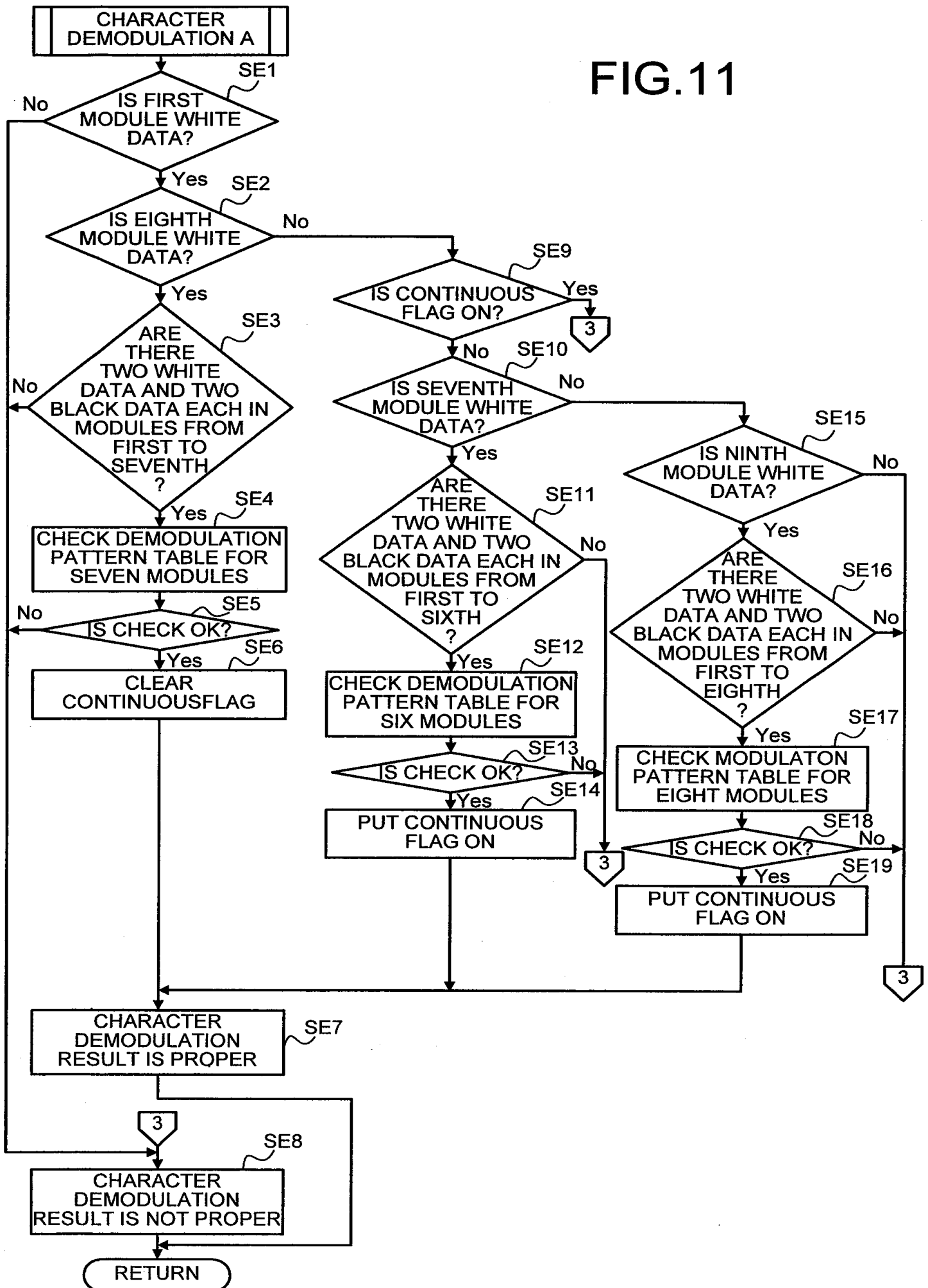


FIG.12

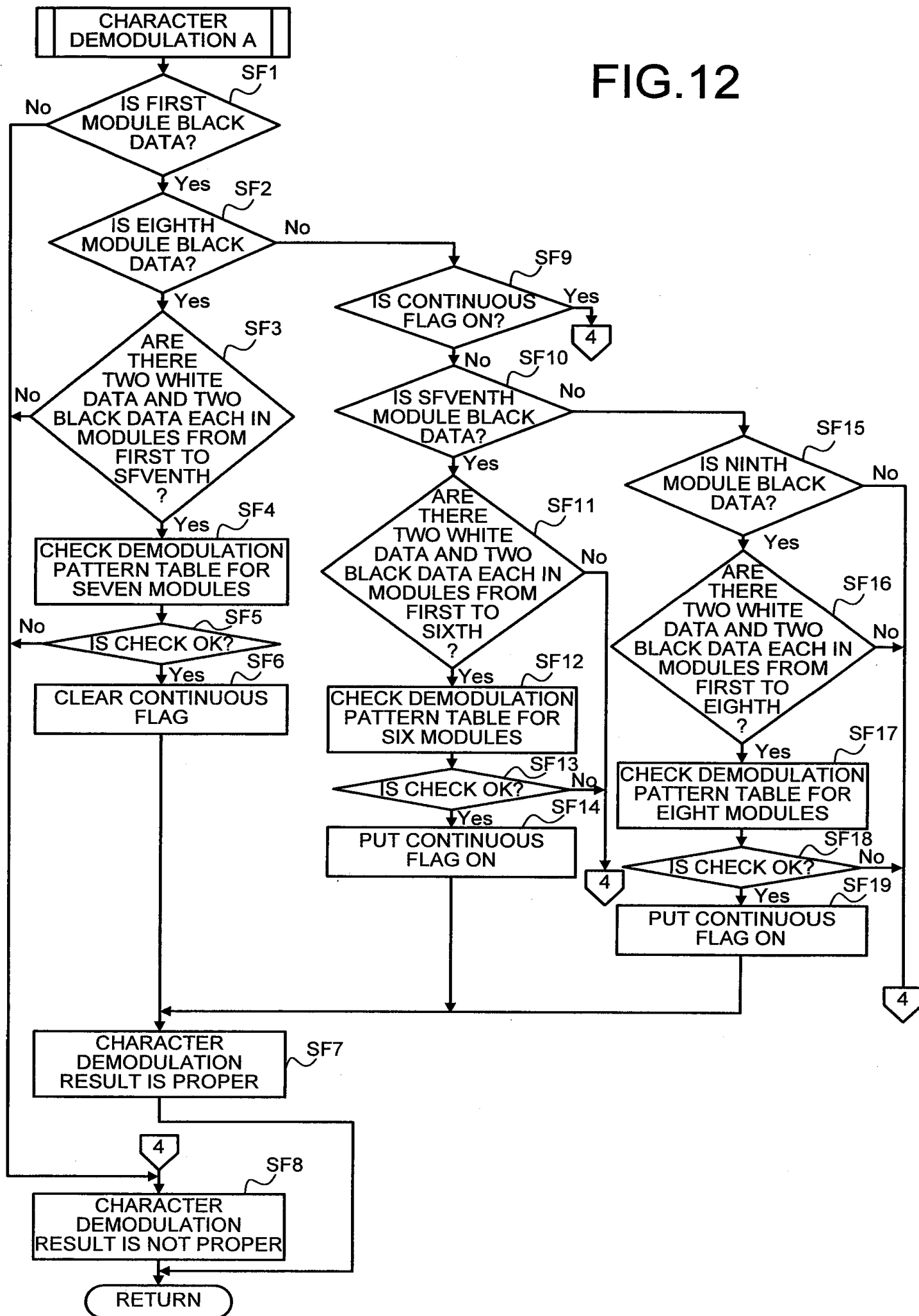


FIG.13

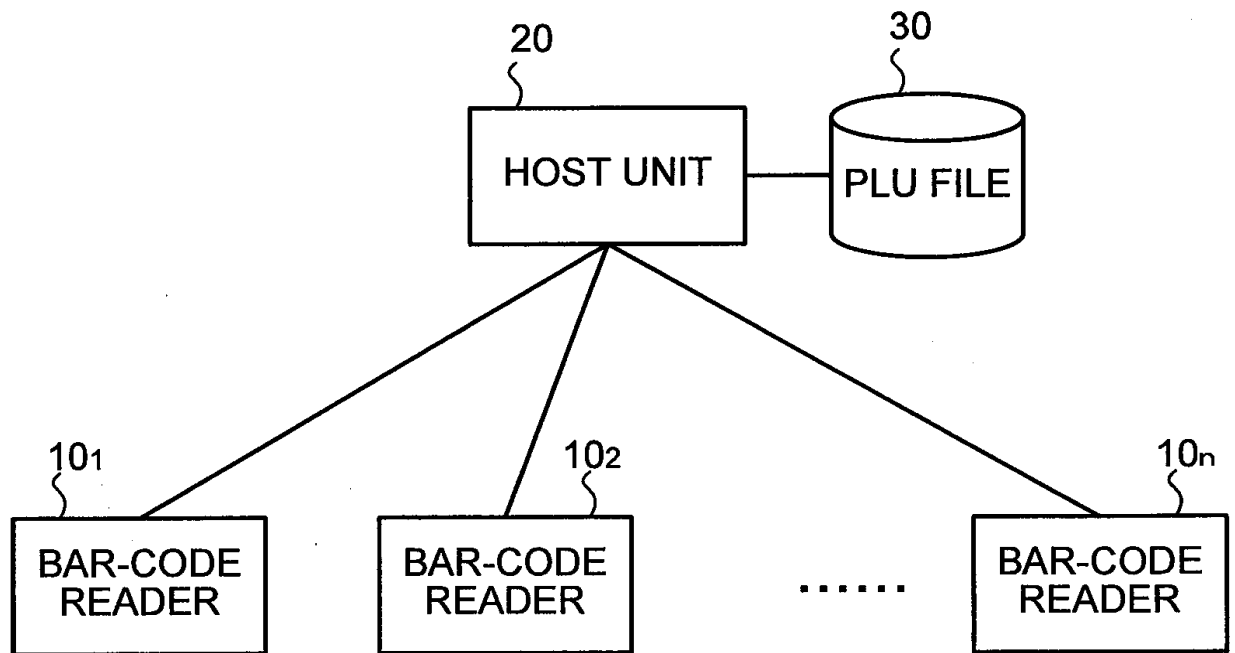


FIG.14

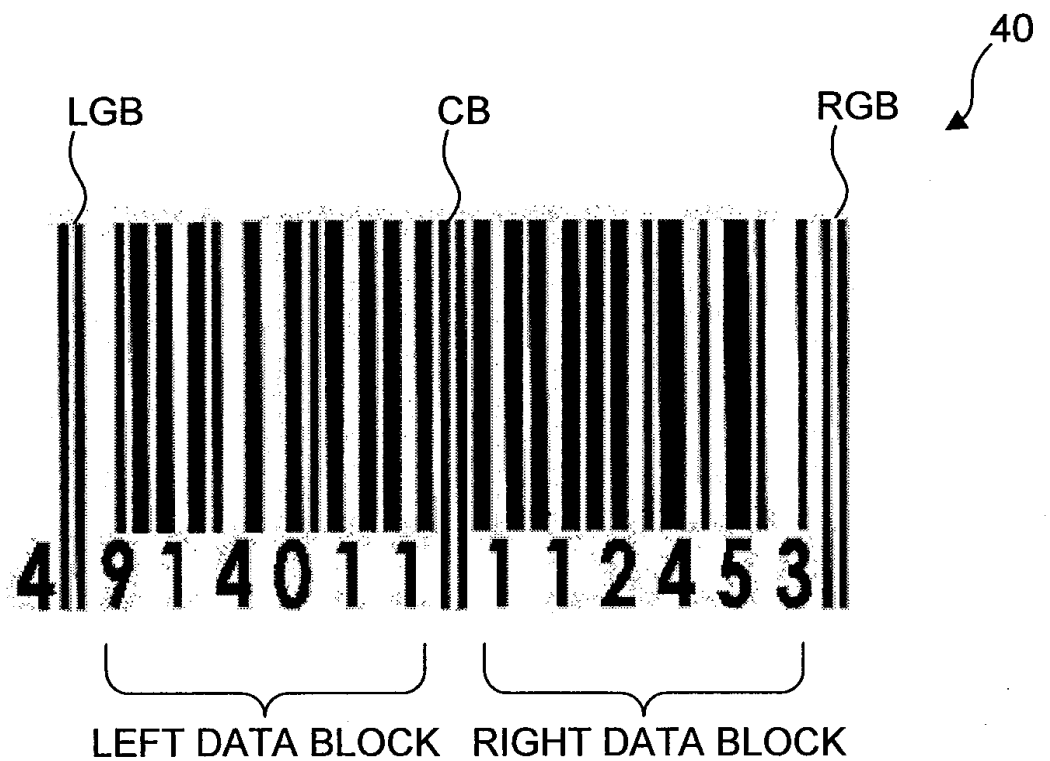


FIG. 16

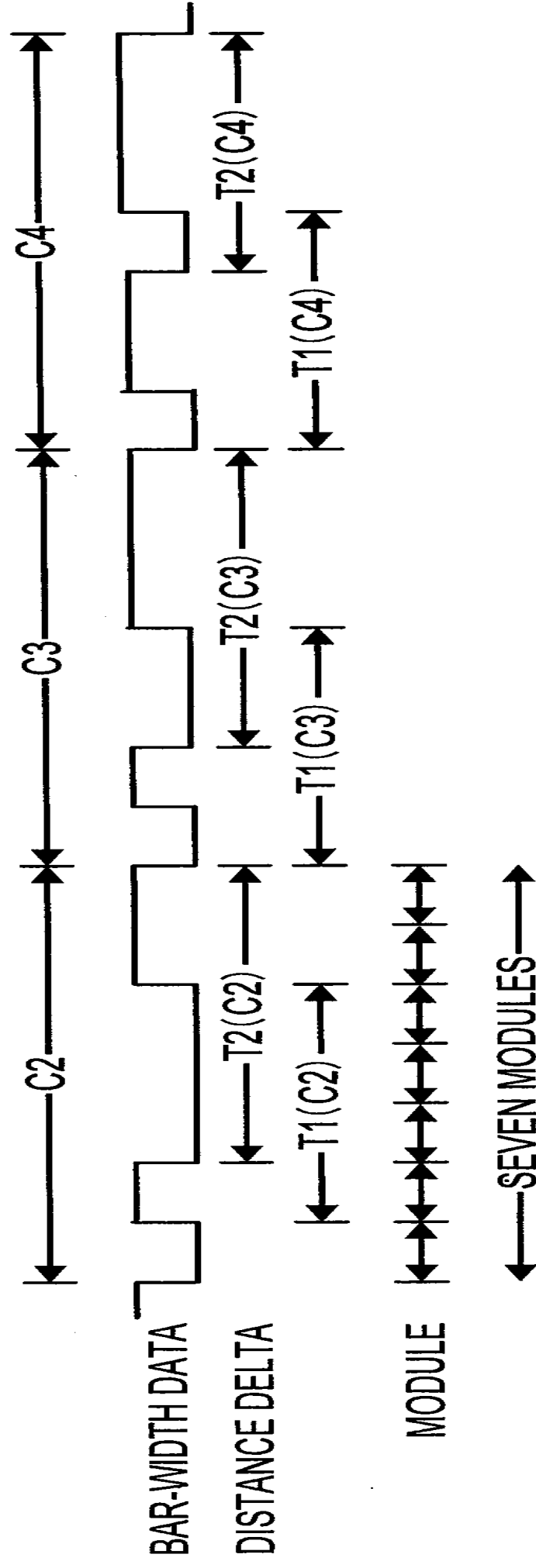


FIG.17

CHARACTERS	NUMBER OF MODULES						CHARACTERS	NUMBER OF MODULES					
	a	b	c	d	T1	T2		a	b	c	d	T1	T2
O-0	3	2	1	1	3	2	E-0	1	1	2	3	3	5
O-1	2	2	2	1	4	3	E-1	1	2	2	2	4	4
O-2	2	1	2	2	3	4	E-2	2	2	1	2	3	3
O-3	1	4	1	1	5	2	E-3	1	1	4	1	5	5
O-4	1	1	3	2	4	5	E-4	2	3	1	1	4	2
O-5	1	2	3	1	5	4	E-5	1	3	2	1	5	3
O-6	1	1	1	4	2	5	E-6	4	1	1	1	2	2
O-7	1	3	1	2	4	3	E-7	2	1	3	1	4	4
O-8	1	2	1	3	3	4	E-8	3	1	2	1	3	3
O-9	3	1	1	2	2	3	E-9	2	1	1	3	2	4

FIG.18

FLAG CHARACTER	LEFT-SIDE CHARACTER COMPOSITION	RIGHT-SIDE CHARACTER COMPOSITION	COMPOSITION
0	O O O O O O	E E E E E E	UPC/A
1	O O E O E E	E E E E E E	EAN13
2	O O E E O E	E E E E E E	
3	O O E E E O	E E E E E E	
4	O E O O E E	E E E E E E	
5	O E E O O E	E E E E E E	
6	O E E E O O	E E E E E E	
7	O E O E O E	E E E E E E	
8	O E O E E O	E E E E E E	
9	O E E O E O	E E E E E E	